

DEVICE FOR COLORIMETRIC DETECTION OF GASEOUS COMPONENT AND/OR VAPOR COMPONENT OF GAS MIXTURE

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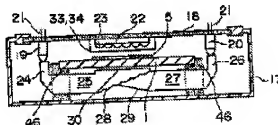
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Abstract of JP6242008

PURPOSE: To provide a device for colorimetric detection of gaseous component and/or vapour component of gas mixture, by which the enough signal intensity can be obtained, regardless of a tiny amount of colour indicator, with the lowest power consumption of a signal transmitter, and the error sensibility at the evaluation is reduced.

CONSTITUTION: The transmitters and receiver 19, 20, 22 are installed on a common mounting base, the light of the transmitters 19, 20 are conducted to a transparent area of a reagent support 1 through a photo-waveguides 25, 27, and the discoloration of the reaction zone 5 in the form of a passage on the support 1, is detected in the form of transmission or diffused reflection.



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